

Amendments to the Claims:

This listing of the claims replaces all prior versions and listing of the claims in the present application.

Listing of Claims:

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1. (original) A prefabricated underlay material for location between an upper surface of a load-bearing floor and a parquet or other continuous surface material, which underlay material comprises:

- a substantially flexible first sheet material having a first surface with a surface area;

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- dampening projections formed of porous resilient material on at least said first surface of the first sheet material, distributed along said first surface and having a total projection area less than said area of the first sheet material, wherein:

- said first surface extends continuously and flat beneath the dampening projections and in the area between them; and

- said dampening projections formed of porous resilient material:

- are made of a foamed polymer or polymer mixture bonded to said flat first surface by effect of its/their material properties at the time for manufacture; and

- are principally straight continuous or intermittently continuous strips located with intervals, or substantially undulating continuous or intermittently continuous strips located with intervals.

2. (currently amended) An underlay material of Claim 1, wherein the flexible first sheet material is[[:]] one of

- a prefabricated impervious polymer membrane, whereupon it is a moisture barrier as such, [[or]]

- a prefabricated paper or cardboard, [[or]] and

- a prefabricated laminate which comprises a prefabricated impervious polymer membrane, forming a moisture barrier, and one or more layers of paper and/or cardboard and/or additional polymer membrane(s).

3. (currently amended) An underlay material of Claim 2, wherein the first sheet material is a polymer membrane(s), ~~which that~~ creates a moisture barrier[[,]] and is selected from the group consisting of polyethylene, ~~some other~~ a polyolefin, a polyester ~~such as polyethylene terephthalate~~, and polypropylene, ~~forming an impervious membrane or surface coating~~.

4. (currently amended) An underlay material of Claim 2, wherein said first sheet material is a polymer membrane forming a moisture barrier that is located on that side of the laminate which faces towards the dampening projections, ~~forming said first surface~~.

5. (currently amended) An underlay material of Claim 1, wherein the ~~porous, resilient and foamed polymer(s) which forms~~ the dampening projections are selected from the group consisting of ~~is~~ polyethylene, atactic polypropylene, ~~some other~~ a polyolefin, polyether, ethyl vinyl acetate, polyamide, polyurethane, silicon rubber, ~~some~~ a biopolymer, ~~or~~ and a mixture of these.

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6. (currently amended) An underlay material of Claim 5, wherein the first sheet material is a polymer ~~forming the~~ ~~impervious polymer membrane(s), which acts as a moisture barrier,~~ that has a melting point or melting range, which is higher than a melting point of the porous and resilient polymer(s) forming the dampening projections.

7. (currently amended) An underlay material of Claim 5, wherein the ~~foamed polymer(s) forming~~ dampening projections ~~has~~ as further comprises additive(s) waxes, oils, terpene resins, derivatives of natural resins, phenyl resins, coumarone resins or some combination of these.

8. (currently amended) An underlay material of Claim 5, wherein the ~~foamed polymer(s) forming~~ dampening projections ~~is~~ ~~chosen from among the mentioned plastics and mixtures of plastics~~ ~~so as to~~ have a creep deformation of less than 10% under a load of 500 kPa applied for 24 hours.

9. (currently amended) An underlay material of Claim 5, wherein the ~~polymer(s) forming~~ dampening projections ~~has~~ have a modulus of elasticity in its unfoamed state between 0.002 - 4 GPa.

10. (currently amended) An underlay material of Claim 5, wherein the ~~polymer(s) forming~~ dampening projections ~~has~~ have porosity between 40-80% by volume.

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11. (original) An underlay material of Claim 1, wherein the dampening projections have total projection areas, which together are 5-40% of the total area of the sheet material so that the loading of the dampening material is in the elastic region.

12. (original) An underlay material of Claim 1, further comprising a substantially flexible second sheet material having a third surface to which said porous polymer(s) forming the dampening projections is also bonded by effect of its/their material properties at the time of manufacture, and which second sheet material is located on the opposite side of the dampening projections relative to the first sheet material.

13. (original) An underlay material of Claim 12, wherein said second sheet material is a moisture-permeable material.

14. (currently amended) An underlay material of Claim 1, wherein the dampening projections have widths and the

thicknesses, which are in the range 1 mm - 10 mm, ~~and intervals therebetween, which are at least equal to said widths.~~

15. (original) An underlay material of Claim 1, wherein the dampening projections have lengths of at least 2 mm in the direction of the strips.

16. (original) An underlay material of Claim 1, wherein said first surface of the first sheet material is glueless.

17. (original) An underlay material of Claim 12, wherein said third surface of second sheet material is glueless.

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18. (currently amended) An underlay material of Claim 1, wherein said ~~foamed polymer or polymer mixture for the dampening projections has~~ have sticky melt adhering properties when substantially in a molten state, and non-sticky, non-adhering properties in temperatures below its melting point or melting range.

19. (original) A prefabricated underlay material for location between an upper surface of a load-bearing floor and a parquet or other continuous surface material, which underlay material comprises:

- a substantially flexible first sheet material having a first surface with a surface area;

- dampening projections formed of porous resilient material on at least said first surface of the first sheet material, distributed along said first surface and having a total

projection area less than said area of the first sheet material,  
wherein:

- said first surface extends continuously beneath the dampening projections; and

- said dampening projections formed of porous resilient material:

- are a foamed polymer or polymer mixture bonded to said first surface without glue through preliminary melt adhering; and

- are continuous or intermittently continuous strips located with intervals.

20. (original) An underlay material of Claim 19, wherein the flexible first sheet material is:

- a prefabricated impervious polymer membrane, or

- a prefabricated paper or cardboard, or

- a prefabricated laminate which comprises a prefabricated impervious polymer membrane and one or more layers of paper and/or cardboard and/or additional polymer membrane(s).

21. (currently amended) An underlay material of Claim 19, wherein the ~~porous, resilient and foamed polymer(s) which forms the dampening projections~~ are selected from the group consisting of ~~is~~ substantially polyethylene, atactic polypropylene, ~~some other~~ a polyolefin, polyether, ethyl vinyl

acetate, polyamide, polyurethane, silicon rubber, ~~some a~~  
biopolymer ~~or~~ and a mixture of these, ~~with optional additive(s).~~

22. (currently amended) An underlay material of Claim 19, wherein the first sheet material is a polymer forming the  
that forms an impervious polymer membrane, ~~which that~~ acts as a  
moisture barrier, and that has a melting point or melting range,  
~~which that~~ is higher than a melting point of the porous and  
resilient polymer(s) forming the dampening projections.

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23. (currently amended) An underlay material of Claim 19, wherein the ~~foamed polymer(s) forming~~ dampening projections  
~~is chosen from among the mentioned plastics and mixtures of~~  
~~plastics so as to~~ have a creep formation of less than 10% under a  
load of 500 kPa applied for 24 hours.

24. (currently amended) An underlay material of Claim 19, wherein the ~~polymer(s) forming~~ dampening projections ~~has~~ have  
a porosity between 40-80% by volume.

25. (original) An underlay material of Claim 19, wherein the dampening projections have total projection areas, which together are 5-40% of the total area of the sheet material so that the loading of the dampening material is in the elastic region.

26. (original) An underlay material of Claim 19, further comprising a substantially flexible second sheet material having a third surface to which said porous polymer(s) forming

the dampening projections is also bonded by effect of its/their material properties at the time of manufacture, and which second sheet material is located on the opposite side of the dampening projections relative to the first sheet material.

27-32. (canceled)

33. (new) An underlay material of claim 14, wherein the dampening projections have intervals therebetween, which are at least equal to said widths of the dampening projections.

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